



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AN EAST COAST FEVER VACCINE BASED ON CTL- SPECIFIC SCHIZONT ANTIGENS

the specification of which was filed on Jan. 3, 2006 as Application No. 10/564,397.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at **Venable LLP**, P.O. Box 34385, Washington, DC 20043-9998, to insert above the filing date and/or Application No. of said application.

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- such foreign application have been filed as follows:

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(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| Application Number | Country | Date of Filing | Priority Claimed Under 35 USC 119 |
|--------------------|---------|----------------|-----------------------------------|
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CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

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| 60/486,750 | July 14, 2003 | Yes |
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CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

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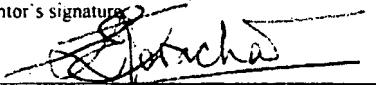
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Please direct facsimiles to: (202) 344-8300

| | |
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| Full name of sole or first inventor Evans Taracha | |
| Sole or first inventor's signature  | Date 24/08/2007 |
| Residence Nairobi, Kenya | |
| Citizenship Kenya | |
| Mailing Address ILRI P.O. Box 30709 58514 -00200 00100 Nairobi, Kenya | |

| | |
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| Full name of second inventor, if any Elizabeth Jane Glew | |
| Second inventor's signature | Date |
| Residence Manchester, UK | |
| Citizenship United Kingdom | |
| Mailing Address 44 Moss Side Road Cadishead Manchester, United Kingdom M44 5JJ | |

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| Full name of third inventor, if any Simon Graham | |
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| Full name of fourth inventor, if any Duncan Mwangi | |
| Fifth inventor's signature | Date |
| Residence Nairobi, Kenya | |
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| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

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| Full name of fifth inventor, if any Yoshikazu Honda | |
| Fourth inventor's signature | Date |
| Residence Glenelg, SA, Australia | |
| Citizenship Japan | |
| Mailing Address 505/19 Holdfast Promenade Glenelg SA 5045, Australia | |

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| Full name of sixth inventor, if any Roger Pelle | |
| Eighth inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Cameroon | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

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| Full name of seventh inventor, if any Nyerhovwo J. Tonukari | |
| Seventh inventor's signature | Date |
| Residence Abraka, Nigeria | |
| Citizenship Nigeria | |
| Mailing Address Department of Biochemistry Delta State University P.M.B. 1 Abraka, Nigeria | |

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| Full name of eighth inventor, if any Matasuke Yamage | |
| Eighth inventor's signature | Date |
| Residence Ibaraki, Japan | |
| Citizenship Japan | |
| Mailing Address World Organization for Animal Health Sanseido Building, 4F, 2-4-10 Kojimachi Chiyoda-Ku, Tokyo 102-0083, Japan | |

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| Full name of ninth inventor, if any Vishvanath Nene | |
| Ninth inventor's signature | Date |
| Residence Potomac, MD | |
| Citizenship United Kingdom | |
| Mailing Address University of Maryland School of Medicine HSF-II, Room S-447 20 Penn Street Baltimore, MD 21201 | |



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| Sole or first inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Kenya | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

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|--|-------------------------------|
| Full name of second inventor, if any Elizabeth Jane Glew | |
| Second inventor's signature  | Date 26 August 2004 |
| Residence Manchester, UK | |
| Citizenship United Kingdom | |
| Mailing Address 44 Moss Side Road Cadishead Manchester, United Kingdom M44 5JJ | |

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| Third inventor's signature | Date |
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| Fourth inventor's signature | Date |
| Residence Glenelg, SA, Australia | |
| Citizenship Japan | |
| Mailing Address S05/19 Holdfast Promenade Glenelg SA 5045, Australia | |

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| Full name of sixth inventor, if any Roger Pelle | |
| Eighth inventor's signature | Date |
| Residence Nairobi, Kenya | |
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| Sixth inventor's signature | Date |
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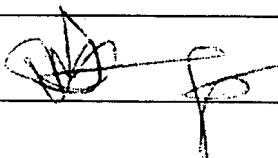
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| Tenth inventor's signature | Date |
| Residence Ibaraki, Japan | |
| Citizenship Japan | |
| Mailing Address World Organization for Animal Health Sanseido Building, 4F, 2-4-10 Kojimachi Chiyoda-Ku, Tokyo 102-0083, Japan | |

| | |
|---|------|
| Full name of ninth inventor, if any Vishvanath Nene | |
| Sixth inventor's signature | Date |
| Residence Potomac, MD | |
| Citizenship United Kingdom | |
| Mailing Address University of Maryland School of Medicine HSF-II, Room S-447 20 Penn Street Baltimore, MD 21201 | |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AN EAST COAST FEVER VACCINE BASED ON CTL- SPECIFIC SCHIZONT ANTIGENS

the specification of which was filed on Jan. 3, 2006 as Application No. 10/564,397.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Venable LLP, P.O. Box 34385, Washington, DC 20043-9998, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

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such foreign application have been filed as follows:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| Application Number | Country | Date of Filing | Priority Claimed Under 35 USC 119 |
|--------------------|---------|----------------|-----------------------------------|
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(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

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CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

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 such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing | Priority Claimed Under 35 USC 119 |
|--------------------|----------------|-----------------------------------|
| 60/486,750 | July 14, 2003 | Yes |
| | | |
| | | |

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| PCT/US2004/022605 | Parent | | July 14, 2004 |
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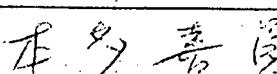
Please direct facsimiles to: (202) 344-8300

| | |
|--|------|
| Full name of sole or first inventor Evans Taracha | |
| Sole or first inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Kenya | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

| | |
|--|------|
| Full name of second inventor, if any Elizabeth Jane Glew | |
| Second inventor's signature | Date |
| Residence Manchester, UK | |
| Citizenship United Kingdom | |
| Mailing Address 44 Moss Side Road Cadishead Manchester, United Kingdom M44 5JJ | |

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| Full name of third inventor, if any Simon Graham | |
| Third inventor's signature | Date |
| Residence Haslemere, UK | |
| Citizenship United Kingdom | |
| Mailing Address Veterinary Laboratories Agency Woodham Lane, Addlestone Surrey, KT15 3NB UK | |

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| Full name of fourth inventor, if any Duncan Mwangi | |
| Fifth inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Kenya | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

| | |
|--|-------------------------------|
| Full name of fifth inventor, if any Yoshikazu Honda | |
| Fourth inventor's signature  | Date 20/August/2007 |
| Residence Glenelg, SA, Australia | |
| Citizenship Japan | |
| Mailing Address 505/19 Holdfast Promenade Glenelg SA 5045, Australia | |

| | |
|--|------|
| Full name of sixth inventor, if any Roger Pelle | |
| Eighth inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Cameroon | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

| | |
|---|------|
| Full name of seventh inventor, if any Nyerhovwo J. Tonukari | |
| Seventh inventor's signature | Date |
| Residence Abraka, Nigeria | |
| Citizenship Nigeria | |
| Mailing Address Department of Biochemistry Delta State University P.M.B. 1 Abraka, Nigeria | |

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| Tenth inventor's signature | Date |
| Residence Ibaraki, Japan | |
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Please direct telephone calls to: Michael A. Gollin at (202) 344-4000.

Please direct facsimiles to: (202) 344-8300

| | |
|--|------|
| Full name of sole or first inventor Evanis Taracha | |
| Sole or first inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Kenya | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

| | |
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| Full name of second inventor, if any Elizabeth Jane Glew | |
| Second inventor's signature | Date |
| Residence Manchester, UK | |
| Citizenship United Kingdom | |
| Mailing Address 44 Moss Side Road Cadishead Manchester, United Kingdom M44 5JJ | |

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| Full name of third inventor, if any Simon Graham | |
| Third inventor's signature | Date |
| Residence Haslemere, UK | |
| Citizenship United Kingdom | |
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| Full name of fourth inventor, if any Duncan Mwangi | |
| Fourth inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Kenya | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

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| Full name of fifth inventor, if any Yoshikazu Honda | |
| Fourth inventor's signature | Date |
| Residence Glenelg, SA, Australia | |
| Citizenship Japan | |
| Mailing Address 505/19 Holdfast Promenade Glenelg SA 5045, Australia | |

| | |
|--|---------------------------|
| Full name of sixth inventor, if any Roger Pelle | |
| Eighth inventor's signature  | Date 27-08-2017 |
| Residence Nairobi, Kenya | |
| Citizenship Cameroon | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

| | |
|---|------|
| Full name of seventh inventor, if any Nyerhovwo J. Tonukari | |
| Seventh inventor's signature | Date |
| Residence Abraka, Nigeria | |
| Citizenship Nigeria | |
| Mailing Address Department of Biochemistry Delta State University P.M.B. 1 Abraka, Nigeria | |

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| Full name of eighth inventor, if any Matasuke Yamage | |
| Tenth inventor's signature | Date |
| Residence Ibaraki, Japan | |
| Citizenship Japan | |
| Mailing Address World Organization for Animal Health Sанseido Building, 4F, 2-4-10 Kojimachi Chiyoda-Ku, Tokyo 102-0083, Japan | |

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| Full name of ninth inventor, if any Vishvanath Nene | |
| Sixth inventor's signature | Date |
| Residence Potomac, MD | |
| Citizenship United Kingdom | |
| Mailing Address University of Maryland School of Medicine HSF-II, Room S-447 20 Penn Street Baltimore, MD 21201 | |



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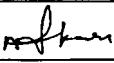
Attorney Docket No.: 41860-227341

| | |
|--|------|
| Full name of sole or first inventor Evans Taracha | |
| Sole or first inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Kenya | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |
| Full name of second inventor, if any Elizabeth Jane Glew | |
| Second inventor's signature | Date |
| Residence Manchester, UK | |
| Citizenship United Kingdom | |
| Mailing Address 44 Moss Side Road Cadishead Manchester, United Kingdom M44 5JJ | |
| Full name of third inventor, if any Simon Graham | |
| Third inventor's signature | Date |
| Residence Haslemere, UK | |
| Citizenship United Kingdom | |
| Mailing Address Veterinary Laboratories Agency Woodham Lane, Addlestone Surrey, KT15 3NB UK | |

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| Full name of fourth inventor, if any Duncan Mwangi | |
| Fifth inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Kenya | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

| | |
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| Full name of fifth inventor, if any Yoshikazu Honda | |
| Fourth inventor's signature | Date |
| Residence Glenelg, SA, Australia | |
| Citizenship Japan | |
| Mailing Address 505/19 Holdfast Promenade Glenelg SA 5045, Australia | |

| | |
|--|------|
| Full name of sixth inventor, if any Roger Pelle | |
| Eighth inventor's signature | Date |
| Residence Nairobi, Kenya | |
| Citizenship Cameroon | |
| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

| | |
|---|------------------|
| Full name of seventh inventor, if any Nyerhovwo J. Tonukari | |
| Seventh inventor's signature  | Date 08/21/07 |
| Residence Abraka, Nigeria | |
| Citizenship Nigeria | |
| Mailing Address Department of Biochemistry Delta State University P.M.B. 1 Abraka, Nigeria | |

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| Full name of eighth inventor, if any Matasuke Yamage | |
| Tenth inventor's signature | Date |
| Residence Ibaraki, Japan | |
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| Sixth inventor's signature | Date |
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| Mailing Address University of Maryland School of Medicine HSF-II, Room S-447 20 Penn Street Baltimore, MD 21201 | |



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| Sole or first inventor's signature | Date |
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| Mailing Address ILRI P.O. Box 30709 00100 Nairobi, Kenya | |

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| Full name of second inventor, if any Elizabeth Jane Glew | |
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| Full name of fifth inventor, if any Yoshikazu Honda | |
| Fourth inventor's signature | Date |
| Residence Glenelg, SA, Australia | |
| Citizenship Japan | |
| Mailing Address 505/19 Holdfast Promenade Glenelg SA 5045, Australia | |

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| Full name of sixth inventor, if any Roger Pelle | |
| Eighth inventor's signature | Date |
| Residence Nairobi, Kenya | |
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| Full name of seventh inventor, if any Nyerhovwo J. Tonukari | |
| Seventh inventor's signature | Date |
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| Full name of eighth inventor, if any Matasuke Yamage | |
| Tenth inventor's signature  | Date  |
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| Full name of ninth inventor, if any Vishvanath Nene | |
| Sixth inventor's signature | Date |
| Residence Potomac, MD | |
| Citizenship United Kingdom | |
| Mailing Address University of Maryland School of Medicine HSF-II, Room S-447 20 Penn Street Baltimore, MD 21201 | |



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AN EAST COAST FEVER VACCINE BASED ON CTL- SPECIFIC SCHIZONT ANTIGENS

the specification of which was filed on Jan. 3, 2006 as Application No. 10/564,397.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Venable LLP, P.O. Box 34385, Washington, DC 20043-9998, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

- no such foreign applications have been filed
- such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| Application Number | Country | Date of Filing | Priority Claimed Under 35 USC 119 |
|--------------------|---------|----------------|--------------------------------------|
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**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| Application Number | Country | Date of Filing |
|--------------------|---------|----------------|
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CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

- no such U.S. provisional applications have been filed.
- such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing | Priority Claimed Under 35 USC 119 |
|--------------------|----------------|--------------------------------------|
| 60/486,750 | July 14, 2003 | Yes |
| | | |
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CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

- no such U.S./PCT applications have been filed.

such U.S./PCT application have been filed as follows:

| Application Number | Relationship | Parent Application | Date of Filing |
|--------------------|--------------|--------------------|----------------|
| PCT/US2004/022605 | Parent | | July 14, 2004 |
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 26694

all of **Venable LLP**, P.O. Box 34385, Washington, DC 20043-9998, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to Michael A. Gollin, whose address is:

Venable LLP
P.O. Box 34385
Washington, DC 20043-9998

Please direct telephone calls to: Michael A. Gollin at (202) 344-4000.

Please direct facsimiles to: (202) 344-8300

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| Full name of sole or first inventor Evans Taracha | |
| Sole or first inventor's signature | Date |
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| Second inventor's signature | Date |
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| Fifth inventor's signature | Date |
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| Full name of sixth inventor, if any Roger Pelle | |
| Sixth inventor's signature | Date |
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| Full name of seventh inventor, if any Nyerhovwo J. Tonukari | |
| Seventh inventor's signature | Date |
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| Full name of eighth inventor, if any Matasuke Yamage | |
| Tenth inventor's signature | Date |
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| Full name of ninth inventor, if any Vishvanath Nene | |
| Sixth inventor's signature | Date |
| <i>Vishvanath Nene</i> | <i>8/28/07</i> |
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